

aiwa

SPEAKER SYSTEM

SX-AVR50

SX-AVR50 (for HT-NW500)

SX-AVR30

SX-AVR30 (for HT-NW300)

OPERATING INSTRUCTIONS MANUAL DE INSTRUCCIONES MODE D'EMPLOI

En (English)

E (Español)

F (Français)

Owner's record

For your convenience, record the model number and serial number (you will find them on the rear of your unit) in the space provided below. Please refer to them when you contact your Aiwa dealer in case of difficulty.

Model No.	Serial No. (Lot No.)

For assistance and information

call toll free 1-800-BUY-AIWA

(United States and Puerto Rico)

WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.



Explanation of Graphical Symbols:



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

IMPORTANT SAFETY INSTRUCTIONS

Read the Operating Instructions carefully and completely before operating the unit. Be sure to keep the Operating Instructions for future reference. All warnings and cautions in the Operating Instructions and on the unit should be strictly followed, as well as the safety suggestions below.

Warning

To prevent electric shock or injury, these safety instructions should be followed in the installation, use and servicing the unit.

Installation

Attachments - Do not use attachments not recommended by the unit manufacturer as they may result in the risk of fire, electric shock or injury to persons.

Water and Moisture - Do not use this unit near water - for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.

Heat - Do not use this unit near sources of heat, including heating vents, stoves, or other appliances that generate heat. It also should not be placed in temperatures less than 5°C (41°F) or greater than 35°C (95°F).

Mounting surface - Place the unit on a flat, even surface.

Accessories - Do not place this unit on an unstable cart, stand, tripod, bracket, or table. The unit may fall, causing serious injury to a child or an adult, and serious damage to the appliance. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the unit. Any mounting of the appliance should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

Portable cart - An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.



Ventilation - The unit should be situated with adequate space around it so that proper heat ventilation is assured. Allow 10 cm clearance from the rear and the top of the unit, and 5 cm from the each side.

Slots and openings in the cabinet and the back or bottom are provided for ventilation, and to ensure reliable operation of the unit and to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the unit on a bed, sofa, rug or other similar surface. This unit should not be placed in a built-in installation such as a bookcase unless proper ventilation is provided.

Object and Liquid Entry - Never push objects of any kind into this unit through the cabinet slots as they may touch dangerous voltage points or short-circuit parts that could result in a fire or electric shock. Never spill liquid of any kind on the unit.

Electric Power

Power Sources - This unit should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your appliance dealer or local power company. To operate unit on battery power, or other sources, refer to the operating instructions.

Grounding or Polarization - This unit is provided with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

Power-Cord Protection - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

Overloading - Do not overload wall outlets, extension cords, integral convenience receptacles as this can result in a risk of fire or electric shock.

Lightning

For added protection for this unit during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the unit due to lightning and powerline surges.

Maintenance

Cleaning - Unplug this unit from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

Damage Requiring Service

Unplug this unit from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- 1) When the power cord or plug is damaged.
- 2) If liquid has been spilled, or objects have fallen into the unit.
- 3) If the unit has been exposed to rain or water.
- 4) If the unit does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the unit to normal operation.
- 5) If the unit has been dropped or the cabinet has been damaged.
- 6) When the unit exhibits a distinct change in performance - this indicates a need for service.

Do not attempt to service this unit yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

Replacement Parts - When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or having the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

Safety Check - Upon the completion of any service or repairs to this unit, ask the service technician to perform safety checks to determine that the unit is in proper operating condition.

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Check your system and accessories

SX-AVR50

Sub woofer: SX-AVR50 (1)

Satellite speakers

Front: SX-AVR50F (2)

Center: SX-AVR50C (1)

Rear: SX-AVR50R (2)

Sub woofer connecting cord : 1

Speaker cord : 1, 100 feet of 20 gauge

Operating instructions, etc.

SX-AVR30

Sub woofer: SX-AVR30 (1)

Satellite speakers

Front: SX-AVR30F (2)

Center: SX-AVR30C (1)

Rear: SX-AVR30R (2)

Sub woofer connecting cord : 1

Speaker cord : 1, 100 feet of 20 gauge

Operating instructions, etc.

BEFORE USE

This speaker system consists of a sub woofer and satellite speakers (front, center and rear speakers).
The satellite speakers have the same appearance. See the back of the speakers to check the sort of the speakers, front, center and rear.

[SUB WOOFER]

On AC voltage

The rated voltage of the unit shown on the rear panel is 120 V AC. Check that the rated voltage matches your local voltage.

Howling or buzzing sound

A howling or buzzing sound may be heard if a turntable or a stereo system is placed near the unit. Move the unit away from the equipment or decrease the volume.

[SATELLITE SPEAKERS]

Speaker's impedance

The speaker's impedance is 8 ohms. Make sure that the connected receiver is equipped with 8-ohms output speaker terminals such as AIWA AV-NW50/51 and AV-NW30/31.

Speaker's L/R

Either of the two front and rear speakers can be connected to R (right) or L (left) terminals.

[COMMON]

Using the unit near a TV set

Although the unit is magnetically shielded (except rear speakers), there may be cases in which the picture on some TV sets may become magnetically distorted.

- If the TV picture is distorted, turn off the power of the TV set and turn it on again after 15 to 30 minutes.
- If there seems to be no improvement, move the unit further away from the TV set.
- Furthermore, do not place magnets or objects using them, such as audio racks, toys near the TV set.

These may cause magnetic distortion due to interaction with the unit.

Keep away magnetic items

Keep cassette tapes, personal credit cards etc. using magnetic cording away from the unit. The recorded information may be damaged or some noise may be added.

SPECIFICATIONS

SX-AVR50

[Sub woofer: SX-AVR50]

Input terminal:	INPUT jack
Input sensitivity/impedance:	1 V/33 kohms (at 100 Hz)
Power output:	100 W (50 Hz - 200 Hz, T.H.D. less than 1%, 4 ohms)
Frequency response:	20 Hz - 450 Hz
Speaker type:	Bass reflex, magnetically shielded
Speaker unit:	200 mm (7 ⁷ / ₈ in.) cone
Power requirement:	AC 120 V, 60 Hz
Power consumption:	55 W
Dimension(W × H × D):	280 × 417 × 395 mm (11 ¹ / ₈ × 16 ¹ / ₂ × 15 ⁵ / ₈ in.)
Weight:	10 kg (22 lbs 1 oz.)

[Satellite speakers: SX-AVR50F/C/R]

Speaker:	2 way 2 speakers, bass reflex type, magnetically shielded (except rear) Woofer: 80 mm (3 ¹ / ₄ in.) × 1, cone Tweeter: 20 mm (13/16 in.) × 1, ceramic
Impedance:	8 ohms
Maximum input power:	100 W (peak)
Dimension (W × H × D):	98 × 143 × 115 mm (3 ⁷ / ₈ × 5 ³ / ₄ × 4 ⁵ / ₈ in.)
Weight:	0.7 kg (1 lbs 9 oz.)
Accessory:	Sub woofer connecting cord (1), Speaker cord, 100 feet of 20 gauge (1)

SX-AVR30

[Sub woofer: SX-AVR30]

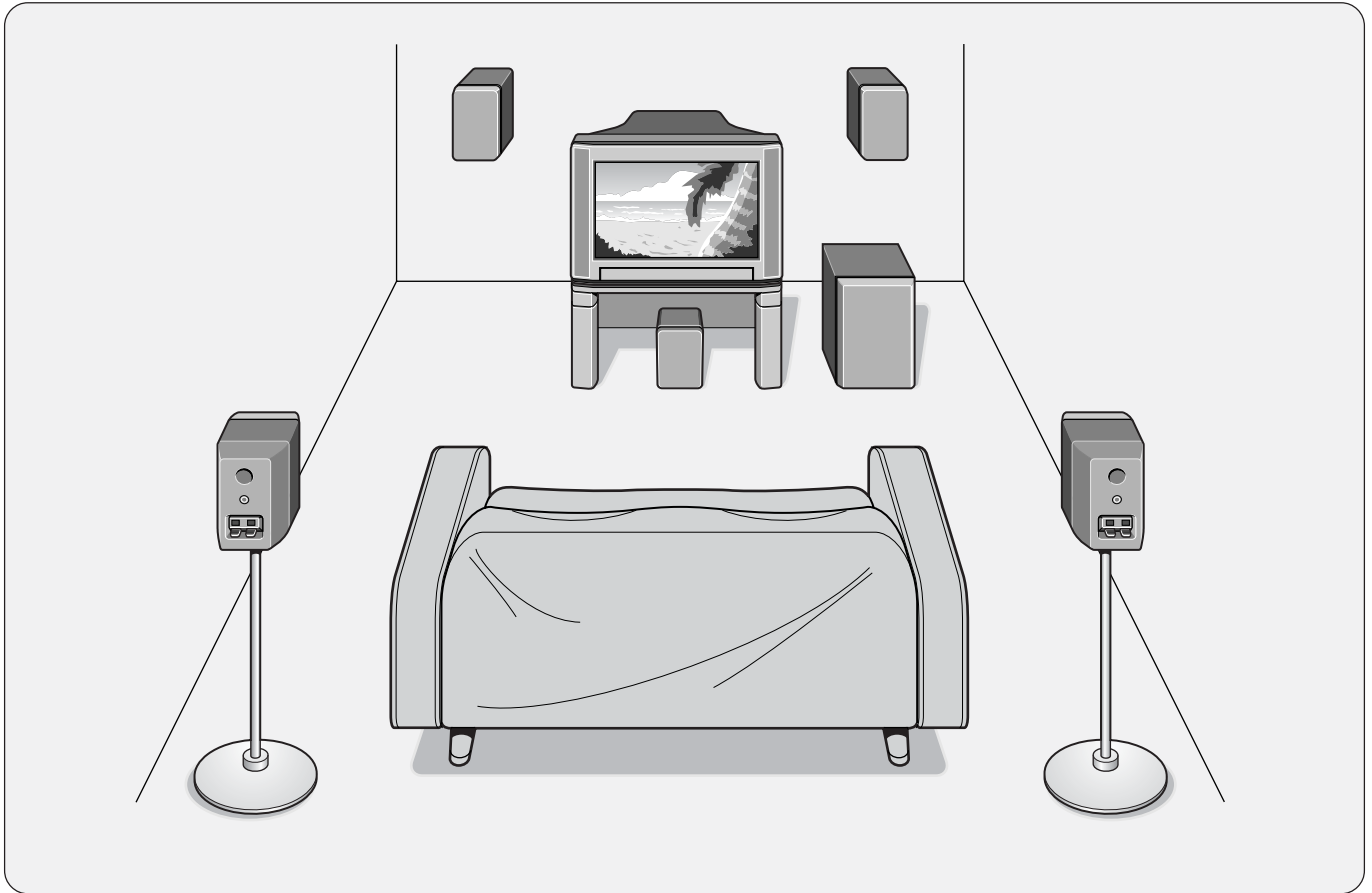
Input terminal:	INPUT jack
Input sensitivity/impedance:	1 V/33 kohms (at 100 Hz)
Power output:	50 W (50 Hz - 200 Hz, T.H.D. less than 1%, 4 ohms)
Frequency response:	20 Hz - 450 Hz
Speaker type:	Bass reflex, magnetically shielded
Speaker unit:	200 mm (7 ⁷ / ₈ in.) cone
Power requirement:	AC 120 V, 60 Hz
Power consumption:	55 W
Dimension(W × H × D):	280 × 417 × 395 mm (11 ¹ / ₈ × 16 ¹ / ₂ × 15 ⁵ / ₈ in.)
Weight:	9.5 kg (20 lbs 15 oz.)

[Satellite speakers: SX-AVR30F/C/R]

Speaker:	Full-range, 80 mm (3 ¹ / ₄ in.), bass reflex type, magnetically shielded (except rear)
Impedance:	8 ohms
Maximum input power:	100 W (peak)
Dimension (W × H × D):	98 × 143 × 115 mm (3 ⁷ / ₈ × 5 ³ / ₄ × 4 ⁵ / ₈ in.)
Weight:	0.7 kg (1 lbs 9 oz.)
Accessory:	Sub woofer connecting cord (1), Speaker cord, 100 feet of 20 gauge (1)

Specifications and external appearance are subject to change without notice due to product improvement.

POSITIONING



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Position the speakers according to the following recommendations to maximize your Home Theater experience. Refer to the operating instructions of the receiver as well.

For best surround sound quality

Sub woofer: Can be placed just about any place in the listening room without being heard as a distinct source, because very low frequencies are non-directional in nature.

A typical location for the sub woofer is somewhere along the front wall, near the TV or one of the front speakers, or any of the room corners with excellent results.

Center speaker: Should be placed on top of or below the television.

Rear speakers: Can be placed either behind the listening position or to the side depending on your furnishings and the shape of your room. They can be placed on stands or mounted on the rear walls using brackets commercially available.

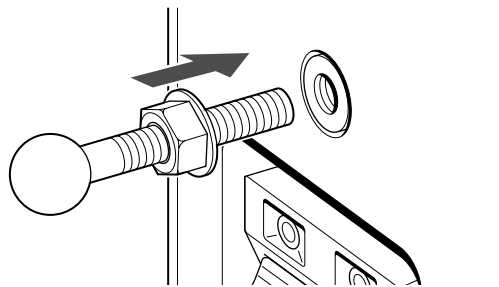
Alternatively they can be mounted on the side walls.

The ideal height for the rear speakers is 2 - 3 feet (60 - 90 cm) above the listening position.

Left and right front speakers: Can be placed directly beside or up to 3 - 4 feet (90 - 120 cm) on either side of the television.

Using a speaker mounting kit (not supplied)

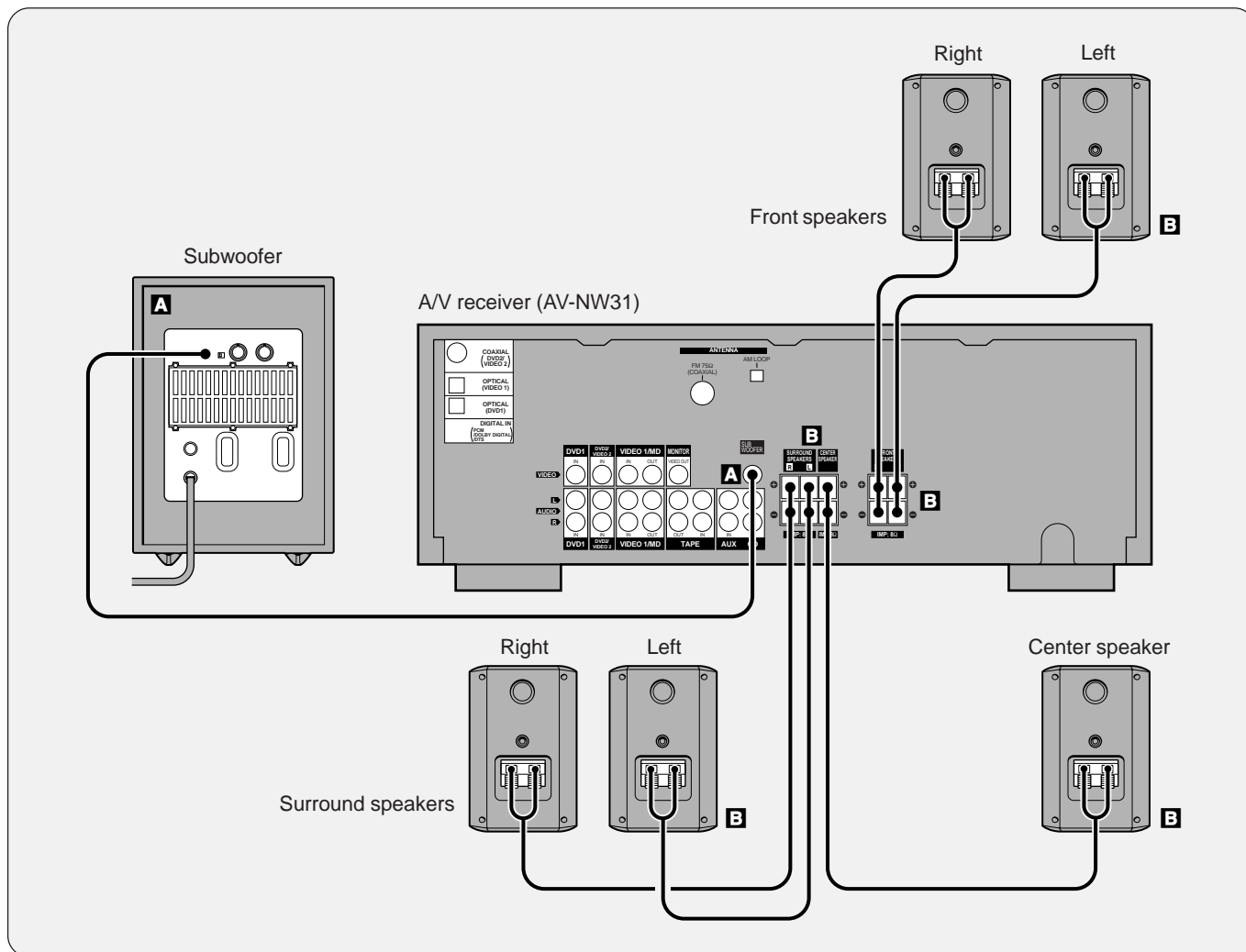
Each speaker (except sub woofer) is equipped with a "1/4-20" threaded insert on the back. When attaching a part of the mounting kit, such as a ball shaft, insert and rotate it into the threaded female insert.



For further information, refer to the instructions of the mounting kit.

AIWA disclaims any responsibility for injury to persons or other accidents caused by not fitting the speakers properly or if the place of the installation is not suitable.

CONNECTION



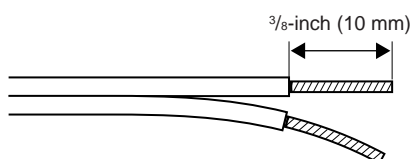
Before connecting the speakers, turn off the power of your stereo receiver and the sub woofer.
Refer to the operating instructions of the receiver as well.

[A] SUB WOOFER

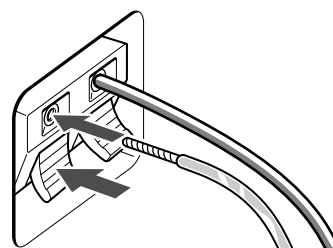
Connect the INPUT jack on the sub woofer and the SUB WOOFER output jack on the receiver with the supplied connecting cord.

[B] SATELLITE SPEAKERS

Before connecting the speakers, cut the supplied speaker cord to the desired length and strip approximately $\frac{3}{8}$ -inch (10 mm) of insulation from each wire.



1 Connect the cords to the speakers.



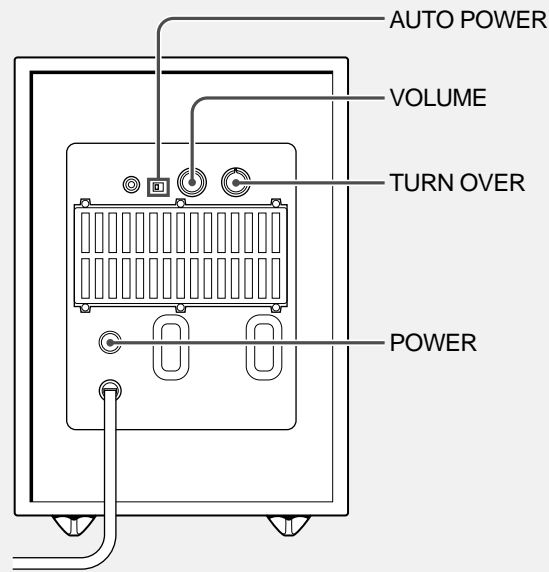
To make sure that the all channels are connected with the same polarity, connect the cords as follows.

Blue striped cords: to the red or blue + terminals
Clear cords: to the - black terminals

2 Connect the other ends of the cords to the speaker terminals on the receiver.

Front speaker cords: to the FRONT SPEAKERS terminals
Center speaker cord: to the CENTER SPEAKER terminals
Rear speaker cords: to the SURROUND SPEAKERS terminals
Note that the blue stripe cords should be connected to the + (red) speaker terminals on the receiver (and the clear cords to the - (black) terminals).

OPERATING SUB WOOFER



POWER: Turns the power on and off.

VOLUME: Adjusts the volume of the sub woofer.

- The volume level should be balanced with that of all other channels.
- If the sound is distorted, turn VOLUME down on the sub woofer or lower the sub woofer level on the receiver.
- To avoid overloading the sub woofer, do not set the volume of the receiver so high that the sound becomes distorted.

AUTO POWER: Switches AUTO POWER function on and off.

When the function is set to ON:

- The power is automatically turned off and the unit enters the standby mode when receiving no signals for about 12 minutes.
- The power is automatically turned on when receiving the signal input again.

If the level of the signal input is low, the sound may be cut or the unit may not turn on again by this function.

TURN OVER: Adjusts the output sound range between "300 Hz and under" and "40 Hz and under".

Turning it clockwise changes the output sound range wider and reproduces comparatively high frequency sound as well. Adjust it to suit your preference and a playback source.

NOTE

After using, press POWER to turn off the power.

If the sub woofer will not be used for a long time, unplug the AC cord from the outlet.

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AIWA CO.,LTD.

 <http://www.aiwa.co.jp>

For assistance and information ***call toll free 1-800-BUY-AIWA*** (United States and Puerto Rico)

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